



Department of Nuclear Medicine

Hybrid PET: Brain and Body Hands-on Course Zurich

July 1 – July 5 2024

NUK, Rämistrasse 100, University Hospital Zurich

Description, Registration and Fee

Course Contents Description

- Max. 40 participants
- 28 lectures on hybrid PET imaging and its clinical applications
- One workstation (AW server per 3 participants) for individual case interpretation
- Individualized case reading in groups of 10–20 participants under supervision
- Hands-on MR, PET/CT and PET/MR session including FDG injector handling
- Demonstration of quantitative image analysis
- Individual choice of focus on PET/CT case discussion or PET/MR case discussion
- 5 lunches and morning coffee breaks included

Topics of the Hybrid PET Imaging Course

1. Brain tumors and metastases
2. Neurodegenerative diseases
3. Head & Neck Cancer including Thyroid Cancer
4. Lung and Breast Cancer
5. Abdominal tumors (including neuroendocrine tumors, Ga-DOTATATE)
6. Male and female GU imaging (including Choline and PSMA)
7. Lymphoma and melanoma
8. Indications and options for cardiac PET

Note: Individual choice of case discussion with focus on PET/CT – or case discussion with focus on PET/MR during hands- on workshop sessions

Registration and further information

HybridFellowship@usz.ch

Course Fee

CHF 1350.–, incl. course, lunches and morning coffee breaks

An application for CME accreditation has been made to the European Accreditation Council for Continuing Medical Education (EACCME).

An application for CME accreditation will be made to the Swiss Society of Nuclear Medicine (SGNM/SSNM).

Program

Monday, July 1

08.30 - 09.00	Registration & Welcome Coffee	
09.00 - 09.15	Course Goals	Gustav von Schulthess
09.15 - 09.45	Hybrid PET - Facts and Fiction	Gustav von Schulthess
09.45 - 10.30	Clinical Rationales for Beta-Amyloid Imaging in Dementia	Anton Gietl
10.30 - 11.15	PET Application with FAP Radioligands	Daniele Antonio Pizzuto
11.15 - 11.45	Coffee Break	
11.45 - 12.30	Body Protocols: Tracers and Contrast Media	Michael Messerli
12.30 - 13.15	Hepato-Pancreatico-Biliary Cancer	Urs Muehlematter
13.15 - 14.15	Lunch Break	Caecilia Mader
14.15 - 15.00	Attenuation Correction and Artifacts in Hybrid Imaging	Gustav von Schulthess
15.00 - 15.45	Distinguishing Normal from Abnormal in FDG	Gustav von Schulthess
15.45 - 16.45	Video Presentation: PET Facilities Wagi site	Technician Team
16.45 - 17.15	PET/CT Facility Tour University Hospital Zurich	Technician Team
17.15	Adjourn	

Tuesday, July 2

08.45 - 09.30	Neuro Protocols: Tracers and Contrast Media	Martin Huellner
09.30 - 10.15	Dementia and Neurodegeneration	Martin Huellner
10.15 - 10.45	Coffee Break	
10.45 - 11.30	Indications and Options for Cardiac PET	Ronny Buechel
11.30 - 12.15	Monitoring: General Insights	Gustav von Schulthess
12.15 - 13.00	Challenges and Solutions for Pulmonary Lesions and Respiratory Motion in PET/CT and PET/MRI	Munenobu Nogami
13.00 - 14.00	Lunch Break	Michael Messerli
14.00 - 14.45	Basics of PET Acquisition and Reconstruction	Fotis Kotasidis
14.45 - 15.30	PET Tracers in Dementia: Beta-Amyloid and FDG	Valentina Garibotto
15.30 - 17.00	Supervised self-study of cases and discussion	Valentina Garibotto
17.00	Adjourn	

Wednesday, July 3

08.45 - 09.30	Thyroid Cancer and Parathyroid Diseases	Michael Messerli
09.30 - 10.15	Brain Tumors including Metastases	Martin Huellner
10.15 - 10.45	Coffee Break	
10.45 - 11.30	Lung Cancer	Lars Husmann
11.30 - 12.15	Oncological Emergencies	Alexander Maurer
12.15 - 13.15	Lunch Break	Alexander Maurer
13.15 - 14.00	Introduction to the workstation	Staff
14.00 - 16.00	Supervised self-study of cases	Staff
16.00 - 17.00	Case discussion	Staff
17.00	Adjourn	

Thursday, July 4

08.45 - 09.30	Head and Neck Cancer	Martin Huellner
09.30 - 10.15	Breast Cancer Imaging - PET/MRI and New Targets	Bert-Ram Sah
10.15 - 11.00	Cancers of the Female Genital Tract	Caecilia Mader
11.00 - 11.30	Coffee Break	
11.30 - 12.15	Cancer of the Male Genital Tract	Alexander Maurer
12.15 - 13.00	Inflammation and Infection	Lars Husmann
13.00 - 14.00	Lunch Break	Lars Husmann
14.00 - 16.00	Supervised self-study of cases	Staff
16.00 - 17.00	Case discussion	Staff
17.00	Adjourn	

Friday, July 5

08.45 - 09.30	Melanoma and Lymphoma	Niklaus Schaefer
09.30 - 10.15	Neuro-Endocrine Tumors and Theragnostics	Niklaus Schaefer
10.15 - 11.00	Breast Cancer	David Kenkel
11.00 - 11.30	Coffee Break	
11.30 - 12.15	Kinetic Modelling of PET data	Valerie Treyer
12.15 - 13.00	Gastro-Esophageal Cancer incl. GIST Tumors	Jan Schaab
13.00 - 14.00	Lunch Break	Jan Schaab
14.00 - 16.00	Supervised self-study of cases	Staff
16.00 - 17.00	Case discussion	Staff
17.00	Adjourn / Wrap Up / Farewell	

Speakers

Niklaus Schaefer, MD
Professor/Chief Physician
Nuclear Medicine and
Medical Oncology Department
University Hospital Lausanne

Valentina Garibotto, MD
Professor and Head of Department
Nuclear Medicine Department
University Hospital Geneva

Anton Gietl, MD
Senior Staff
Diseases of the Aging Brain
Psychiatric Hospital
University of Zurich

David Kenkel, MD
Deputy Chief Physician
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Fotis Kotasidis, PhD
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Daniele Antonio Pizzuto, MD
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Valerie Treyer, PhD
Senior Scientist and PD
Nuclear Medicine Department
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Bert-Ram Sah, MD
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**Gustav von Schulthess,
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Sponsors

Kindly supported by



Information

Course director

Martin Huellner, MD
Professor and Senior Staff
Nuclear Medicine Department
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Venue

University Hospital Zurich
Department of Nuclear Medicine
Rämistrasse 100
8091 Zurich
Switzerland

Directions

Tram lines 6, 9, 10 to tram stop
ETH/Universitätsspital

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